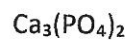
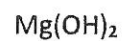


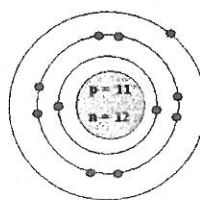
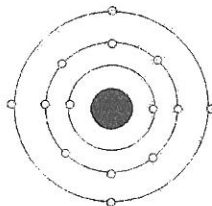
Identify the elements in the compounds and the number of atoms of each element.



Identify the number of valence electrons in the following atoms by using the periodic table (Fusion book pg. 128) or by the diagram.

Helium

Neon

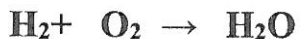


7. Two things can happen to energy during a chemical reaction. Define both possibilities:

Endothermic reaction –

Exothermic reaction –

8. A chemical equation is a way to keep track of what is happening during a chemical reaction. Answer the following questions about these chemical equations.



_____ → _____

A. How many different elements are involved in the above chemical equation? _____

B. List the names of the elements involved in this chemical reaction?

C. Using the lines under the above chemical equation, label which ones are the reactants and which ones are the products.

D. Balance the equation below.



E. How does having a balanced equation show something called Conservation of Mass?